

# Converting Colors

Decimal(15550279)

Have a look what the booklet for  
Decimal(15550279) contains.

<b>Decimal(15550279)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(15550279)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED4747
RGB	237, 71, 71
RGB Percent	93%, 28%, 28%
CMY	0.0706, 0.7216, 0.7216
CMYK	0.00, 0.70, 0.70, 0.07
HSL	0°, 82%, 60%
HSV	0°, 70%, 93%
XYZ	38.3156, 22.9659, 8.3746
YIQ	120.6340, 98.9360, 35.1920

# Conversions

## Conversions Part 2

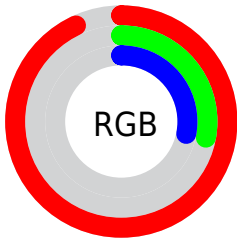
Format	Color
R <sub>Y</sub> B	237, 71, 71
Decimal	15550279
CIE Lab	55.04, 63.16, 37.42
CIE LCh	55, 73.418, 30.646
Yxy	22.9659, 0.5501, 0.3297
Android (android.graphics.Color)	4293740359 (0xFFED4747)
YUV	120.6340, -24.4696, 102.0530
Hunter-Lab	47.9228, 58.8509, 23.1848

# Details

The Decimal color **15550279** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4713965**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **16744824**, and **11337755** is the 20% darker color. If you saturate the color by 10%, you get **15544111**, and if you desaturate by 10%, it is **15556447**.

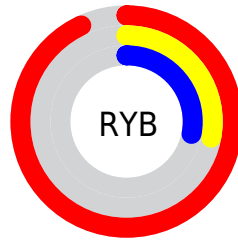
# Distribution



Red (93%)

Green (28%)

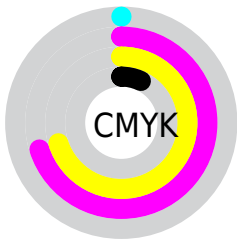
Blue (28%)



Red (93%)

Yellow (28%)

Blue (28%)

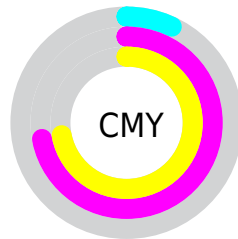


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (7%)



Cyan (7%)

Magenta (72%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15550279 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 15550279 by changing the saturation by 10% instead.



 15550279

 15550279

16777215

 13444656

 16744824

 11337755

 16752274

 9306116

 16759724

 7274496

 16767176

 5242881

 16774628

 3342338

 0

 15550279

 15550279

 15544111

 15556447

 15538200

 15562358

 15532032

 15568526

 15574694

 15580605

 15586773

 15592941

 15597567

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15742853



15550279



13592320

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15550279



39745



35839

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15550279



4713965

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39667



15550279



40835

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15550279



6197760



40899



8352498

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15550279



11565568



40899



37375



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15550279



16763337



15550445



8413280



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15550279



16722217



15571527



7694954



11862016



3538944



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4713965



2752511



4692717



6976885



46517



13878



# Previews

## White Background



This preview shows how the Decimal color 15550279 looks on a white background.

## Color Contrast Check

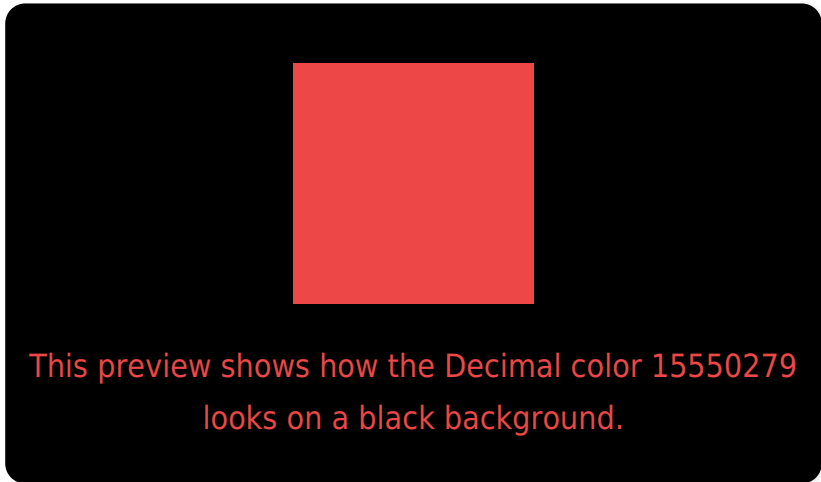
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15550279 Background



This preview shows how black text looks on a background with the Decimal color 15550279.



This preview shows how white text looks on a background with the Decimal color 15550279.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
15550279

**Protanomaly**  
11628117

**Deuteranomaly**  
12479041

**Tritanomaly**  
15550281

# Monochromacy



**Original Color**  
15550279

**Achromatopsia**  
7960953

**Achromatomaly**  
10708839

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15550279 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #ED4747 looks like.

```
.text, #text, p{  
  color:#ED4747  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #ED4747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED4747
}
```

## Border

The CSS property to change the border of an element to Decimal 15550279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

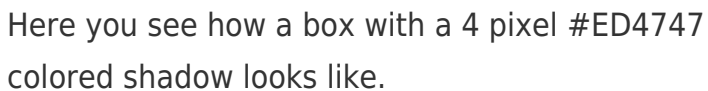
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED4747 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#ED4747 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #ED4747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED4747; -webkit-box-shadow:4px 4px  
4px 4px #ED4747; box-shadow:4px 4px 4px  
4px #ED4747 }
```

# Background

The CSS property to change the background color of an element to Decimal 15550279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED4747 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#ED4747 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor